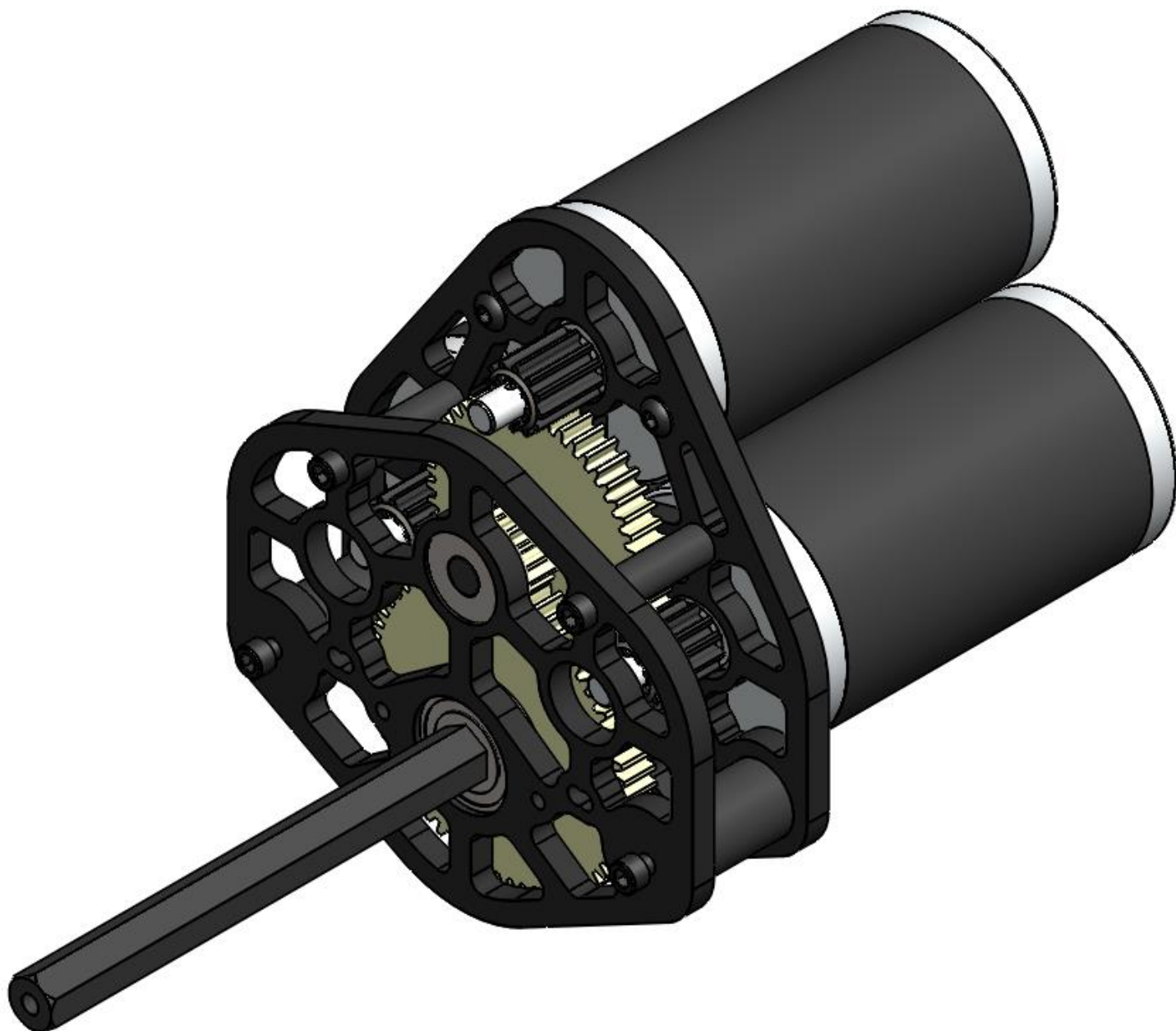


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WCP SS Gearbox – Single Speed

WCP SS Gearbox Single Speed

Assembly Instructions



vexpro.com



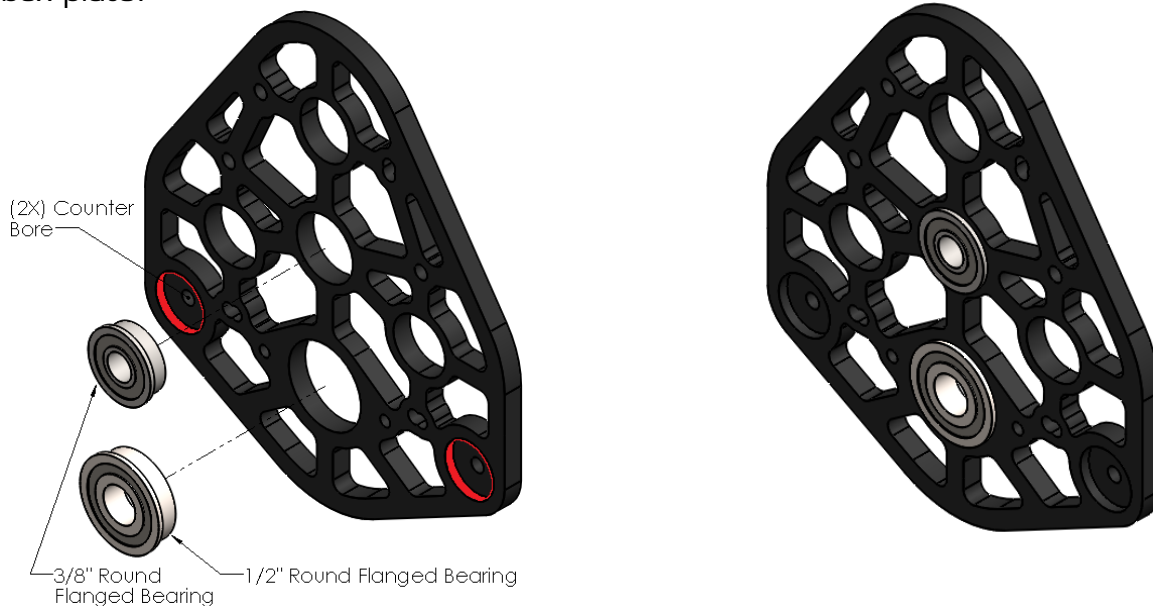
wcproducts.net

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WCP SS Gearbox – Single Speed

Step 1:

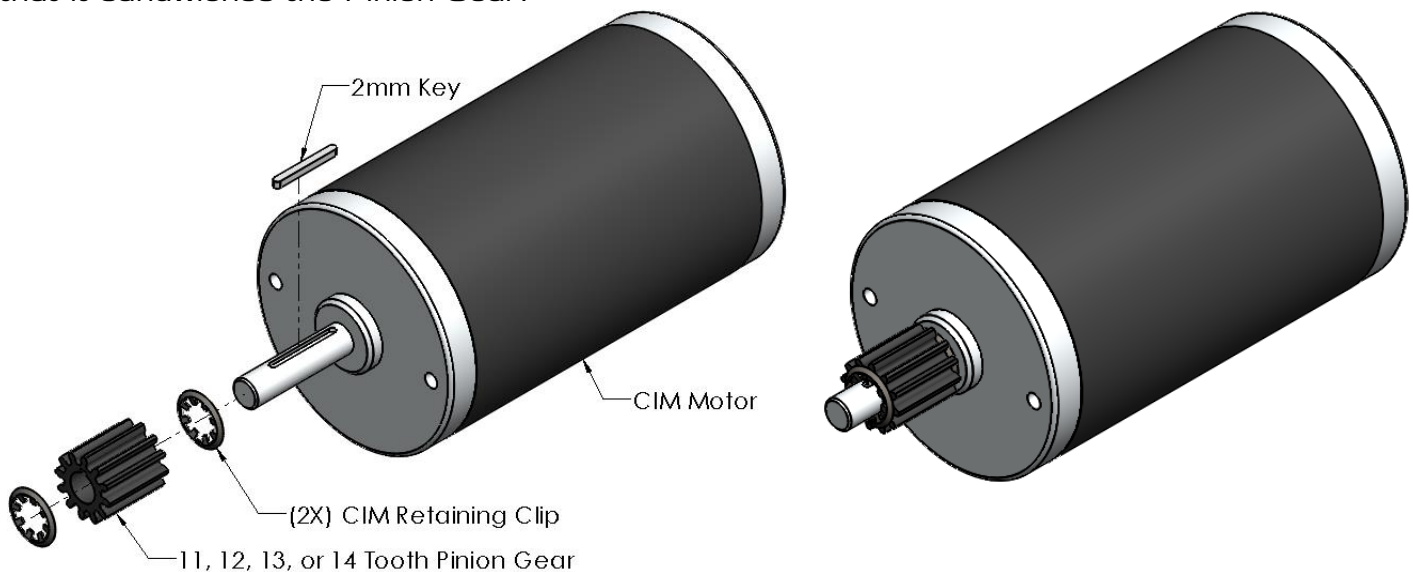
Insert the 1/2" Round Flanged Bearing and the 3/8" Round Flanged Bearing into the back gearbox plate.



Note: The bearings need to be installed on the side of the plate with the Counter Bores.

Step 2:

Slide the first CIM Retaining Ring just past the keyway. Insert the 2mm Key, then slide the Pinion Gear up to the CIM Retaining Ring. Finally, slide on the second CIM Retaining Ring such that it sandwiches the Pinion Gear.

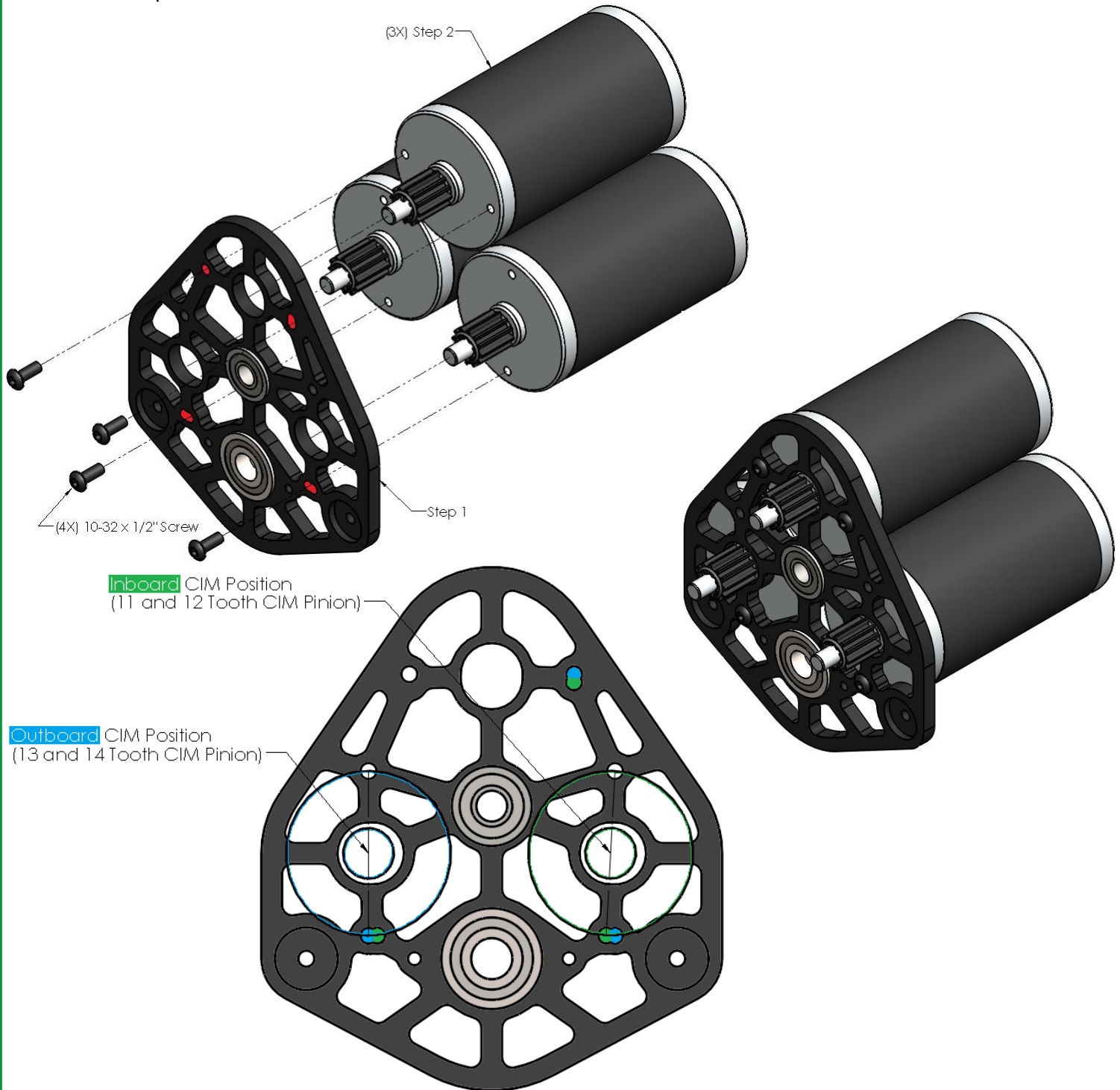


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Step 3:

Mount up to (3X) Step 2 on Step 1 using (4X) 10-32 x 1/2" screws. If using 11 or 12 tooth CIM Pinions mount in the INBOARD position. If using 13 or 14 tooth CIM Pinions mount in the OUTBOARD position.

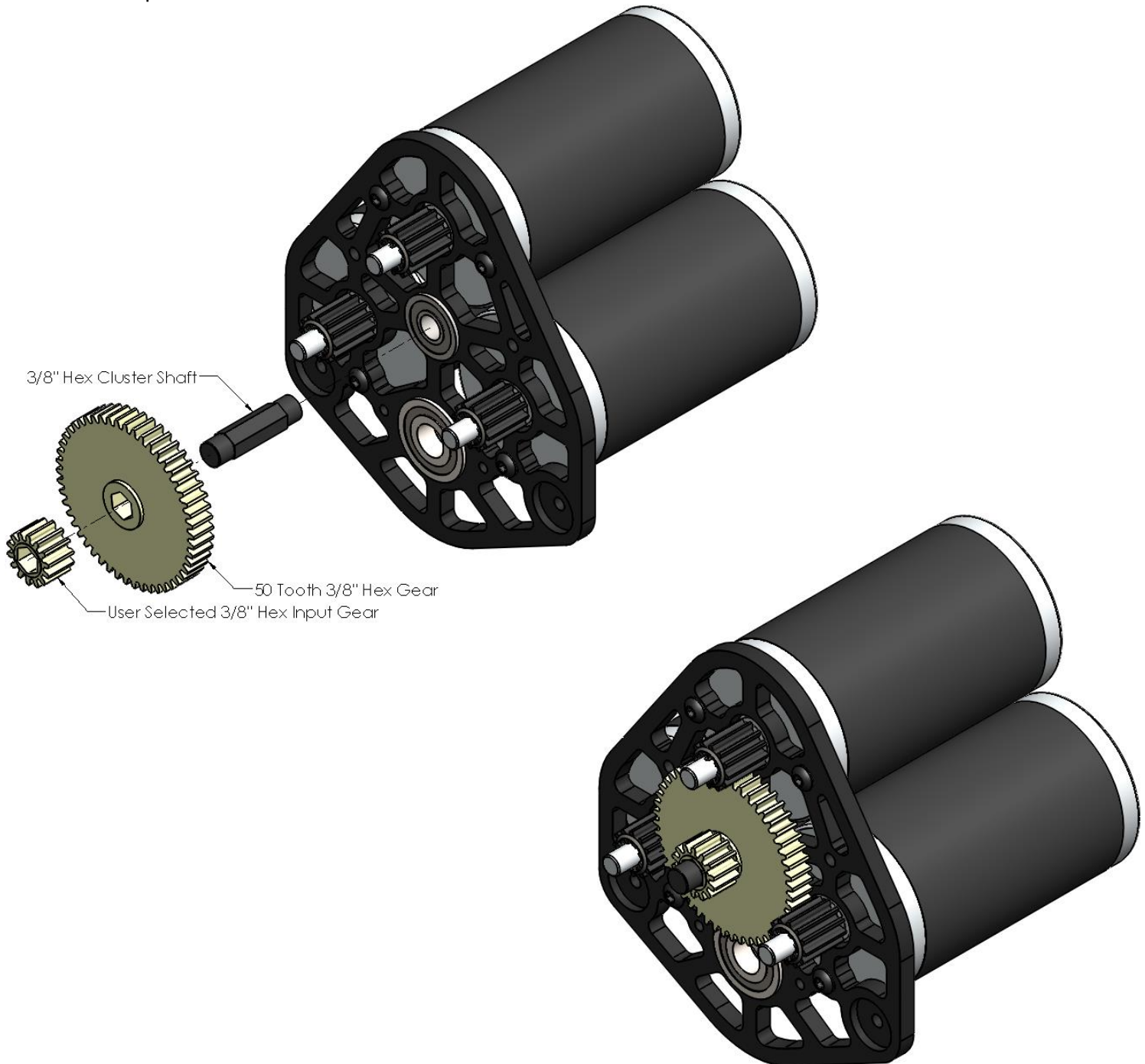


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Step 4:

Insert the 3/8" Cluster Shaft. Slide on the 50 tooth 3/8" Hex Gear and the User Selected 3/8" Hex Input Gear.



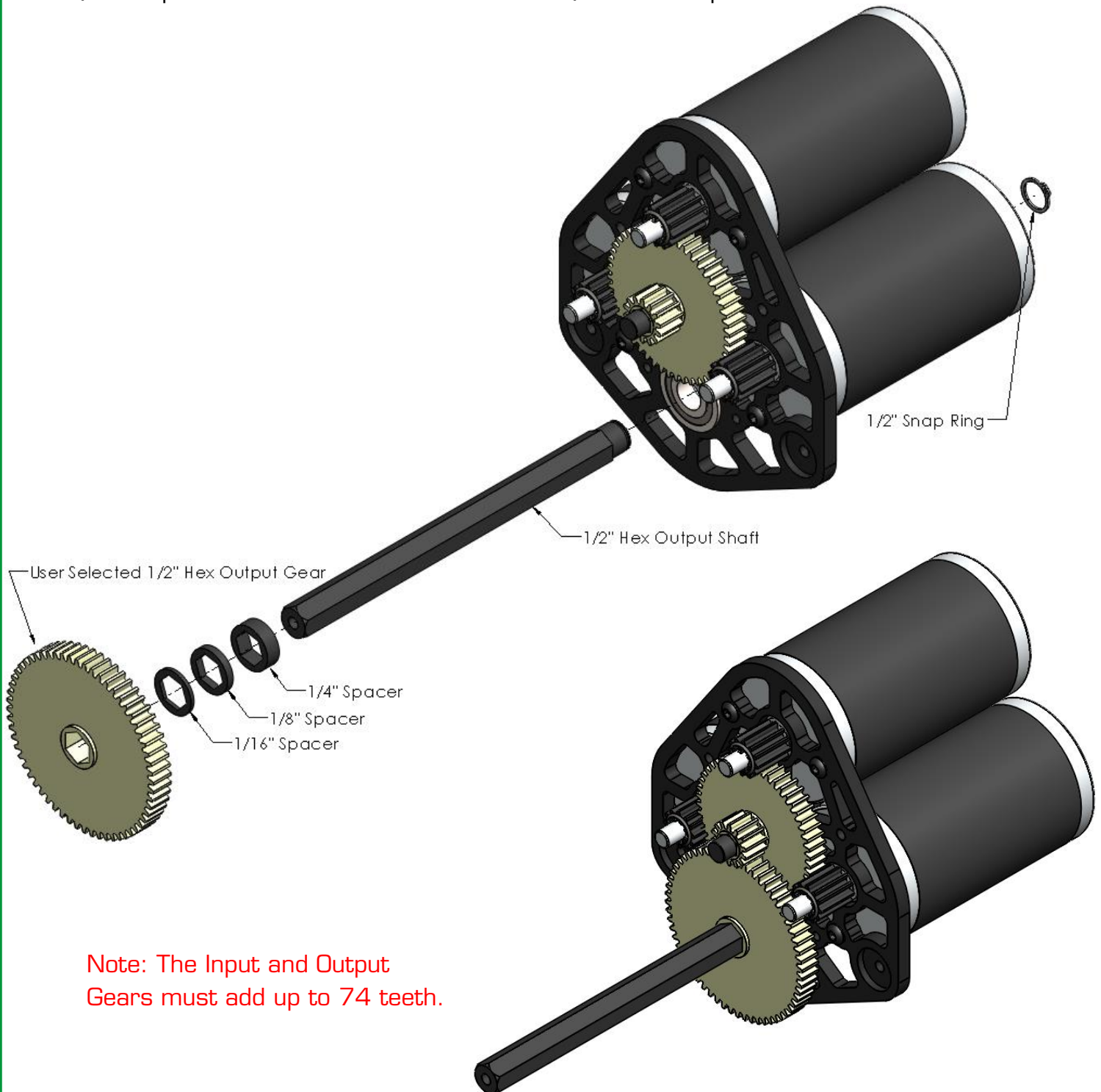
Note: The Input and Output User Selected Gears must add up to 74 teeth.

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Step 5:

Insert the 1/2" Hex Output Shaft and attach the 1/2" Snap Ring. Slide on the 1/4", 1/8", and 1/16" Spacers. Slide on the User Selected 1/2" Hex Output Gear.

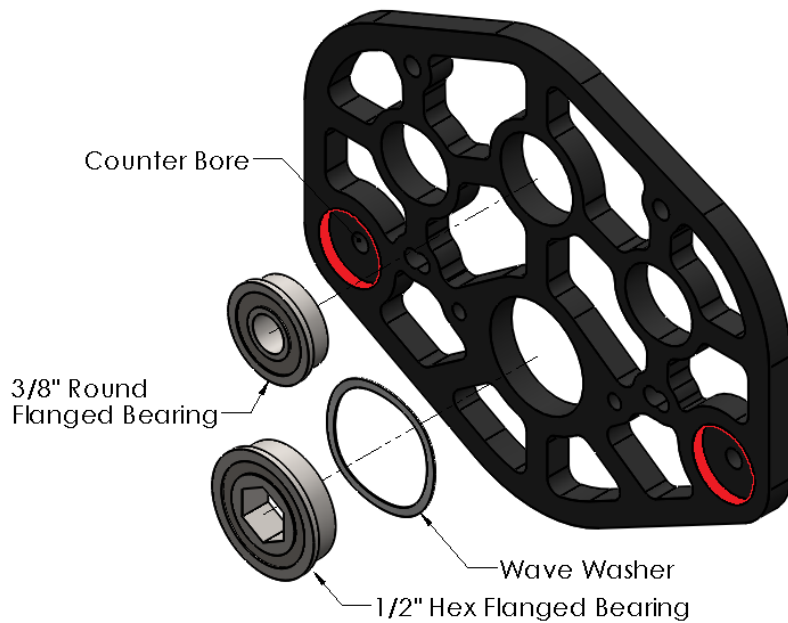


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Step 6:

Insert the 3/8" Round Flanged Bearing into the Front Gearbox Plate. Slide the Wave Washer over the 1/2" Hex Flanged Bearing then insert into Front Gearbox Plate. The 1/2" Hex Flanged Bearing will not sit fully flush against the Front Gearbox Plate.



Note: The bearings need to be installed on the side of the plate with the Counter Bores.

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Step 7:

Attach Step 6 using (4X) 10-32 x 2" screws, (2X) Top Spacers, (2X) Bottom Spacers, and (2X) 10-32 Nylock Nuts. The 10-32 x 2" screws going through the Top Spacers screw into the mounting holes of two CIM Motors. Make sure the Bottom Spacers are seated in the Counter Bores before tightening.

